

# Ketchikan International Airport Integrated Pest Management Plan

<b>IPM Plan Effective Dates:</b>	May 2014 through July 2014
<b>Management Area Name/Location:</b>	Ketchikan International Airport
<b>General Site Description:</b>	Runway and Taxiway Safety Areas and Security Fence Lines.
<b>Land Uses:</b>	Air Transportation
<b>Name of Person in Charge:</b>	Jeff Langkau
<b>Certified Applicator Name(s):</b>	Clint McClellan
<b>Certification Numbers:</b>	9642-1604-4/7

## 1. Action Thresholds

Check the types or categories of pests that might present a problem or need to be controlled at this management site:

✓	Category
X	Vegetation
	Insects
	Fungus
	Rodents
	Other (describe below)

For each pest category listed above, describe the level at which the pest becomes a problem which requires control measures to be taken.

When vegetation reaches 6 inches in height in the Aircraft movement areas it harbors birds and rodents which creates an Aircraft Safety hazard. The FAA requires us to eradicate all vegetation in these areas

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## 2. Monitor and Identify Pests

**How often will the management area be inspected for the presence of pests?**

Safety Areas will be inspected daily and Security fence lines inspected monthly.

**Which locations will be inspected?**

All areas treated with herbicide will be inspected.

**What methods will be used for identifying and quantifying the presence of pests?**

The presence of vegetation will be determined with a visual survey by the Person in charge and our Biologist once per month during our bird survey. I will document these and file with this document.

**How will pest species be identified?**

Vegetation will be identified by our biologist using UC Davis Plant guide at [http://www.imp.ucdavis.edu/PMG/weeds\\_intro.html](http://www.imp.ucdavis.edu/PMG/weeds_intro.html) or by contacting CES at 10877-520-5211

**Describe record keeping procedures:**

Pest management records will be kept at the maintenance office in the IPM section of files. Information will be recorded for future reference and to help guide control decisions.

A record of each inspection will include the date, locations, and extent of pest presence.

A record of each control applied will include the date, location, and details about the control that was applied.

A record of each re-inspection following use of a control method will include the date, location, evaluation of how effective the control was in reaching the target control levels, and recommendations for follow up actions.

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## 3. Prevent Pests

**For each pest category listed under Section 1, describe preventative measures that will be taken:**

All areas are coarse compacted gravel with a lack of soil

How often will preventative measures be applied?

When placed 6 years ago. Gravel areas can be regraded and compacted when needed.

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#### 4. Control Measures

For each pest category listed under Section 1, list potential non-chemical control measures that may be used:

Cultural Controls:	Does not apply
Mechanical Controls:	Vegetation not eradicated will be mowed or graded into the gravel in between herbicide application and fence lines can be trimmed by hand.

For each pest category listed under Section 1, describe the characteristics needed in any chemical controls that may be used:

Vegetation: Product must be a systemic herbicide to ensure that the entire plant is eradicated. Due to the large management area, product should have residual characteristics to reduce the frequency of required application and prevent future weed growth.

For each pest category listed under Section 1, list potential chemical controls that may be used:

Target Pest	Product Name	EPA Registration Number
Vegetation	Ranger Pro Herbicide	524-517

Describe how treated areas will be re-inspected and evaluated for effectiveness of controls:

Following application of controls (cultural, mechanical, or chemical), the person in charge will re-inspect each treated area to determine if the applied controls achieved the target control level.

If the results are not acceptable the PIC will arrange for the certified applicator to evaluate the effectiveness of controls. If control actions did not achieve the target control level, the certified applicator will recommend modifications or additional controls.